

Energy Management Work Sheet – Conservation Security Program

Landowner	-		
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Renewable Fuel Records

Example

		Amount	Renewable Component	Estimated Payment
Date	Fuel Type	(gallons)	(gallons) Table 1	(\$\$) Table 2
April 11, 2005	E85	6,000	5,100	\$1275
			(6,000 x .85)	(See Table 2)

Notes:

- 1. Renewable fuel (bioenergy, or biofuel) is defined as biodiesel and fuel grade ethanol.
- 2. Payments for renewable fuel under CSP are *limited to the bio-based portion* of eligible blended fuels in 100 gallon increments. For example, E-85 is 85% ethanol; therefore, for 6,000 gallons of ethanol, payment will be made only for the 5100 gallons of actual biofuel used.
- 3. The 2005 payment rate is \$25.00 per 100 gallons of the *renewable* fuel component.



Landowners can use this work sheet to keep a running record of renewable fuel use. Receipts must be maintained and provided as documentation for payment.

Look-up tables are provided for converting the most commonly-used renewable fuel blends to their eligible renewable components. An example of a calculated method for E85 is also provided in Line 1 of the record keeping sheet.

Table 1 - Conversion Charts (Renewable Fuel Portion of Blended Fuels)

B20 (Biodiesel) ¹		
Gallons		
of	Equivalent	
Blended	Gallons of	
Fuel	BioFuel	
500	100	
1,000	200	
1,500	300	
2,000	400	
2,500	500	
3,000	600	
3,500	700	
4,000	800	
4,500	900	
5,000	1,000	
5,500	1,100	
6,000	1,200	
6,500	1,300	
7,000	1,400	
7,500	1,500	
8,000	1,600	
8,500	1,700	
9,000	1,800	
9,500	1,900	
10,000	2,000	
20,000	4,000	
30,000	6,000	
40,000	8,000	
50,000	10,000	
60,000	12,000	
70,000	14,000	
80,000	16,000	
90,000	18,000	
100,000	20,000	

B10 (Biodiesel) ²		
Gallons		
of	Equivalent	
Blended	Gallons of	
Fuel	BioFuel	
1,000	100	
2,000	200	
3,000	300	
4,000	400	
5,000	500	
6,000	600	
7,000	700	
8,000	800	
9,000	900	
10,000	1,000	
20,000	2,000	
30,000	3,000	
40,000	4,000	
50,000	5,000	
60,000	6,000	
70,000	7,000	
80,000	8,000	
90,000	9,000	
100,000	10,000	
200,000	20,000	
300,000	30,000	
400,000	40,000	
500,000	50,000	

B05 (Biodiesel) ³			
Gallons	Equivalent		
of	Gallons of		
Blended	BioFuel		
Fuel			
2,000	100		
4,000	200		
6,000	300		
8,000	400		
10,000	500		
12,000	600		
14,000	700		
16,000	800		
18,000	900		
20,000	1,000		
40,000	2,000		
60,000	3,000		
80,000	4,000		
100,000	5,000		
120,000	6,000		
140,000	7,000		
160,000	8,000		
180,000	9,000		
200,000	10,000		
400,000	20,000		
600,000	30,000		
800,000	40,000		
1,000,000	50,000		
			



E85 (Ethanol 85) ⁴		
Gallons	,	
of	Equivalent	
Blended	Gallons of	
Fuel	BioFuel	
100	85	
118	100	
200	170	
300	255	
400	340	
500	425	
600	510	
700	595	
800	680	
900	765	
1,000	850	
2,000	1,700	
3,000	2,550	
4,000	3,400	
5,000	4,250	
6,000	5,100	
7,000	5,950	
8,000	6,800	
9,000	7,650	
10,000	8,500	
20,000	17,000	
30,000	25,500	
40,000	34,000	
50,000	42,500	
60,000	51,000	
70,000	59,500	
80,000	68,000	
90,000	76,500	
100,000	85,000	

E10 (Et	hanol 10) ⁵
Gallons	,
of	Equivalent
Blended	Gallons of
Fuel	BioFuel
1,000	100
2,000	200
3,000	300
4,000	400
5,000	500
6,000	600
7,000	700
8,000	800
9,000	900
10,000	1,000
20,000	2,000
30,000	3,000
40,000	4,000
50,000	5,000
60,000	6,000
70,000	7,000
80,000	8,000
90,000	9,000
100,000	10,000
200,000	20,000
300,000	30,000
400,000	40,000
500,000	50,000

- 1. 20% of fuel is soybean oil as biofuel component
- 2. 10% of fuel is soybean oil as biofuel component
- 3. 5% of fuel is soybean oil as biofuel component
- 4. 85% of fuel is ethanol as the biofuel component
- 5. 10% of fuel is ethanol as the biofuel component



Table 2 - 2005 Payment Chart (Renewable Fuel Portion of Blended Fuels)

Gallons of Actual Biofuel	Payment (\$)
100	25
200	50
300	75
400	100
500	125
600	150
700	175
800	200
900	225
1,000	250
2,000	500
3,000	750
4,000	1,000
5,000	1,250
6,000	1,500
7,000	1,750
8,000	2,000
9,000	2,250
10,000	2,500
20,000	5,000
30,000	7,500
40,000	10,000
50,000	12,500
60,000	15,000
70,000	17,500
80,000	20,000
90,000	22,500
100,000	25,000
200,000	50,000
300,000	75,000